

Abstract of the Disclosure

A central venous catheter is provided having a proximal tube segment, a distal tube segment and a transition tube segment interposed between the proximal and distal tube segments which are preferably formed as a single integrated tube containing polymer material of different durometer and varying amounts of radiopaque filler material. The polymer durometer of the proximal segment is higher than the polymer durometer of the distal segment. By contrast, the percentage by weight of the filler material contained in the distal segment is higher than that of the proximal segment. The variation in the polymer durometer and the filler amount along the length of the tube provide the desired tensile strength, hardness, chemical resistance and fatigue resistance at the proximal segment and at the same time provide the desired flexibility and radiopacity at the distal segment.